

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2002 ACS
TI Prevention of **wood** chip deterioration during outside storage.
III. Prevention of the deterioration by **oxygen** cut
AB **Carbon dioxide** [124-38-9] (concn. 75%) was effective
in preventing deterioration. For New Zealand pine, the deterioration was
3-4% during 3 months. At water content >65%, the deterioration was small.
Small piles had a tendency of small deterioration.
ACCESSION NUMBER: 1975:100406 CAPLUS
DOCUMENT NUMBER: 82:100406
TITLE: Prevention of **wood** chip deterioration during
outside storage. III. Prevention of the
deterioration by **oxygen** cut
AUTHOR(S): Nishimoto, Koichi; Akino, Seiya; Tsutsui, Isao;
Yodomura, Katsuya; Tsuda, Masahumi
CORPORATE SOURCE: Wood Res. Inst., Kyoto Univ., Kyoto, Japan
SOURCE: Kami Pa Gikyoshi (1974), 28(11), 534-44
CODEN: KAGIAU
DOCUMENT TYPE: Journal
LANGUAGE: Japanese

L10 ANSWER 153 OF 199 CAPLUS COPYRIGHT 2002 ACS

TI Changes of the atmosphere during **wood** decay by fungi under conditions of stopped gas diffusion

AB Pleurotus ostreatus and Fomes fomentarius were inoculated into nutrient-enriched beech sawdust in flasks and the flasks were sealed after various periods of incubation. Changes in concn. of CO₂, O, and N in the sealed flasks were detd. The lack of O and the accumulation of CO₂ were factors in the inhibition of fungal growth.

ACCESSION NUMBER: 1975:560506 CAPLUS

DOCUMENT NUMBER: 83:160506

TITLE: Changes of the atmosphere during **wood** decay by fungi under conditions of stopped gas diffusion

AUTHOR(S): Kozlik, Ivan; Schanel, Lubomir

CORPORATE SOURCE: Fac. Sci., J. E. Purkyne-Univ., Brno, Czech.

SOURCE: Drev. Vysk. (1974), 19(4), 169-79

CODEN: DRVYAP

DOCUMENT TYPE: Journal

LANGUAGE: English

L Number	Hits	Search Text	DB	Time stamp
1	10714	(protect\$4 preserv\$5) and (wood timber)	EPO; JPO; DERWENT	2002/01/09 12:50
2	227	((protect\$4 preserv\$5) and (wood timber)) and (oxygen or (carbon adj dioxide))	EPO; JPO; DERWENT	2002/01/09 12:43
3	4	((protect\$4 preserv\$5) and (wood timber)) and (oxygen and (carbon adj dioxide))	EPO; JPO; DERWENT	2002/01/09 12:48
4	1	JP-06039811-\$.DID.	DERWENT	2002/01/09 12:48
5	2	((protect\$4 preserv\$5) and (wood timber)) and (oxygen and (carbon adj2 oxide))	EPO; JPO; DERWENT	2002/01/09 13:14
6	1	DE-19652951-\$.DID.	DERWENT	2002/01/09 12:49
7	0	((protect\$4 preserv\$5) and (wood timber)) and (oxygen and (carbon adj2 oxide))	USPAT	2002/01/09 12:50
8	9755	(protect\$4 preserv\$5) same (wood timber)	USPAT	2002/01/09 12:51
9	342	((protect\$4 preserv\$5) same (wood timber)) and oxygen and (carbon adj2 (oxide or dioxide))	USPAT	2002/01/09 12:52
10	2	((protect\$4 preserv\$5) same (wood timber)) same oxygen same (carbon adj2 (oxide or dioxide))	USPAT	2002/01/09 12:53
11	90	((protect\$4 preserv\$5) same (wood timber)) and (oxygen same (carbon adj2 (oxide or dioxide)))	USPAT	2002/01/09 12:58
12	88	((protect\$4 preserv\$5) same (wood timber)) and (oxygen same (carbon adj2 (oxide or dioxide)))) not (((protect\$4 preserv\$5) same (wood timber)) same oxygen same (carbon adj2 (oxide or dioxide)))	USPAT	2002/01/09 12:53
13	1672	(wood timber) same deteriorat\$4	USPAT	2002/01/09 13:01
14	90	((protect\$4 preserv\$5) same (wood timber)) and (oxygen same (carbon adj2 (oxide or dioxide)))) and (oxygen same (carbon adj2 (oxide or dioxide)))	USPAT	2002/01/09 12:59
15	2	((protect\$4 preserv\$5) same (wood timber)) and (oxygen same (carbon adj2 (oxide or dioxide)))) and (oxygen same (carbon adj2 (oxide or dioxide)))) not (((protect\$4 preserv\$5) same (wood timber)) and (oxygen same (carbon adj2 (oxide or dioxide)))) not (((protect\$4 preserv\$5) same (wood timber)) same oxygen same (carbon adj2 (oxide or dioxide))))	USPAT	2002/01/09 12:58
16	10	((wood timber) same deteriorat\$4) and (oxygen same (carbon adj2 (oxide or dioxide)))	USPAT	2002/01/09 12:59
17	796	(wood timber) and deteriorat\$4	EPO; JPO; DERWENT	2002/01/09 13:02
18	1	((wood timber) and deteriorat\$4) and oxygen and (carbon adj2 (oxide or dioxide))	EPO; JPO; DERWENT	2002/01/09 13:02
19	2	((wood timber) and deteriorat\$4) and O? and CO?	EPO; JPO; DERWENT	2002/01/09 13:04
20	0	jp-06039811-\$.did.	USPAT	2002/01/09 13:08
21	0	jp-94039811-\$.did.	USPAT	2002/01/09 13:08
22	1	("5725613").PN.	USPAT	2002/01/09 13:17
23	362	("422/40").CCLS.	USPAT	2002/01/09 13:32
24	3	3431061.URPN.	USPAT	2002/01/09 13:31
25	1	("2617202").PN.	USPAT	2002/01/09 13:35

26	3	2617202.URPN.	USPAT	2002/01/09 13:33
27	147	("44/541").CCLS.	USPAT	2002/01/09 13:36
28	2	((("3431061") or ("4346175"))).PN.	USPAT	2002/01/09 13:36

(FILE 'HOME' ENTERED AT 10:42:35 ON 09 JAN 2002)

FILE 'CAPLUS, BIOSIS, JAPIO' ENTERED AT 10:42:47 ON 09 JAN 2002

L1 178271 S TIMBER OR WOOD
L2 11094 S L1 AND PRESERV?
L3 119 S L2 AND (OXYGEN OR O.SUB.2)
L4 6 S L3 AND (CO.SUB.2 OR (CARBON (W) DIOXIDE))
L5 1287 S L1 AND DETERIORAT?
L6 21 S L5 AND (OXYGEN OR O.SUB.2)
L7 1 S L6 AND (CO.SUB.2 OR (CARBON (W) DIOXIDE))
L8 2654 S L1 AND (OXYGEN OR O.SUB.2)
L9 205 S L8 AND (CO.SUB.2 OR (CARBON (W) DIOXIDE))
L10 199 S L9 NOT (L4 OR L7)
L11 6245 S L1 AND PROTECT?
L12 73 S L11 AND (OXYGEN OR O.SUB.2)
L13 5 S L12 AND (CO.SUB.2 OR (CARBON (W) DIOXIDE))

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19	2	((wood timber) and deteriorat\$4) and O? and CO?	EPO; JPO; DERWENT	2002/01/09 13:04